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CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the below date:

Date: January 25, 2006 Name: Jeffrey H. Canfield

Signature: *Jeffrey H. Canfield*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. of: Haulick et al.

Appln. No.: 10/556,232

Filed: November 9, 2005

For: System for Communication Enhancement
in a Noisy Environment

Attorney Docket No: 11336/1204 (P03088US)

Examiner: Not Yet Assigned

Art Unit:

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL

Sir:

Attached is/are:

- ☒ information Disclosure Statement; Form PTO-1449 with listed references.
☒ Return Receipt Postcard

Fee calculation:

- ☒ No additional fee is required.
☐ Small Entity.
☐ An extension fee in an amount of \$_____ for a _____-month extension of time under 37 C.F.R. § 1.136(a).
☐ A petition or processing fee in an amount of \$_____ under 37 C.F.R. § 1.17(____).
☐ An additional filing fee has been calculated as shown below:

					Small Entity			Not a Small Entity	
	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Rate	Add'l Fee	or	Rate	Add'l Fee
Total		Minus			x \$25=			x \$50=	
Indep.		Minus			x 100=			x \$200=	
First Presentation of Multiple Dep. Claim					+\$180=			+\$360=	
					Total	\$		Total	\$

Fee payment:

- ☐ A check in the amount of \$_____ is enclosed.
☐ Please charge Deposit Account No. 23-1925 in the amount of \$_____. A copy of this Transmittal is enclosed for this purpose.
☐ Payment by credit card in the amount of \$_____ (Form PTO-2038 is attached).
☒ The Director is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this paper (including any extension fee required to ensure that this paper is timely filed), or to credit any overpayment, to Deposit Account No. 23-1925.

Respectfully submitted,

January 25, 2006
Date*Jeffrey H. Canfield*
Jeffrey H. Canfield (Reg. No. 38,404)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. of: Haulick et al.

Appln. No.: 10/556,232

Filed: November 9, 2005

For: METHOD AND SYSTEM FOR
COMMUNICATION
ENHANCEMENT IN A NOISY
ENVIRONMENT

Attorney Docket No: 11336-1204 (P03088US)

Examiner: Not Yet Assigned

Art Unit:

INFORMATION DISCLOSURE STATEMENT

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and §§1.97-1.98, and more particularly in accordance with 37 C.F.R. §1.97(b), Applicant hereby cites the following reference(s):

U.S. PATENTS

No.	Date of Publication	Patentee/Applicant/Assignee
2003/0072461 A1	April 17, 2003	Moorer

FOREIGN PATENTS

No.	Date of Publication	Country
EP 1 116 961 A2	July 18, 2001	EPO
EP 1 083 543 A2	March 13, 2001	EPO
DE 101 56 954 A1	June 18, 2003	Germany
EP 1 343 351 A1	September 10, 2003	EPO
GB 2 097 121 A	October 27, 1982	United Kingdom
JP 07 176178 A	July 14, 1995	Japan

OTHER ART

Copy of International Search Report

Applicant is enclosing Form PTO-1449 (one sheet), along with a copy of each listed reference for which a copy is required under 37 C.F.R. §1.98(a)(2).

The German language reference EP1083543 is relevant in that it discloses a method that involves simultaneously detecting the individual signals of individual microphones and processing them electronically and in a time relationship to each other. The speech signals are checked for plausibility for operation of the command input using the parameters derived from the analysis and the degree of coherence of the individual signals. An Independent claim is also included for a multiple microphone arrangement for implementing the method.

The German language reference DE10156954 is relevant in that it describes a visual-acoustic arrangement having microphone/loudspeaker arrangements with several microphones or microphone arrays and a loudspeaker or loudspeaker arrays for the user, and which are individually adapted. Before any speech activity of at least one user, an initialization of the array follows for the user and in addition to the acoustic recognition of the user, recognition by an image processing results. An Independent claim is given for a visual acoustic method for audio playback speech input and communication between several users.

Applicant respectfully requests the Examiner's consideration of the above reference(s) and entry thereof into the record of this application.

By submitting this Statement, Applicant is attempting to fully comply with the duty of candor and good faith mandated by 37 C.F.R. §1.56. As such, this Statement is not intended to constitute an admission that any of the enclosed references, or other information referred to therein, constitutes "prior art" or is otherwise "material to patentability," as that phrase is defined in 37 C.F.R. §1.56(a).

Applicant has calculated no fee to be due in connection with the filing of this Statement. However, the Director is authorized to charge any fee deficiency associated

with the filing of this Statement to a deposit account, as authorized in the Transmittal accompanying this Statement.

Respectfully submitted,

1/25/06
Date



Jeffrey H. Canfield (Reg. No. 38,404)

FORM PTO-1449	APPLICATION NO. 10/556,232	ATTORNEY DOCKET NO. 11336-1204 (P03088)
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE November 9, 2005	GROUP ART UNIT
(use several sheets if necessary)	APPLICANTS: Haulick et al.	

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	Cite No.	Foreign Patent Document Country Code, Number -Number- Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Class/Subclass	T
		EP 1 116 961 A2	07-18 2001	EPO		X
		EP 1 083 543 A2	03-13- 2001	EPO		
		DE 101 56 954 A1	06-18- 2003	Germany		
		EP 1 343 351 A1	09-10-2003	EPO		X
		GB 2 097 121 A	10-27- 1982	United Kingdom		X
		JP 07 176178 A	07-14-1995	Japan		X

NON PATENT LITERATURE DOCUMENTS

[illegible]

NOTE: For "T" – please place an "X" if an English translation is being provided to the Patent Office.

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.